
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: ITW Devcon
Product Name: White Epoxy Putty (DISCONTINUED)

WHITE EPOXY PUTTY

This product appears in the following stock number(s):

S-80

Last revised: 05/18/95

Printed: 10/1/97

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: WHITE EPOXY PUTTY

General use: When fully cured, the mixed product is non-hazardous.

Chemical family: Epoxy Resin & Polymercaptan Curing Agent.

MANUFACTURER

ITW Devcon
30 Endicott St.
Danvers, Massachusetts 01923

EMERGENCY INFORMATION

Emergency telephone number

(CHEMTREC): (800) 424-9300

Other Calls: (508) 777-1100

2. COMPOSITION/INFORMATION ON INGREDIENTS**HAZARDOUS CONSTITUENTS****Exposure limits**

Constituent	Abbr.	CAS No.	Weight percent	ACGIH TLV	OSHA PEL	Other Limits
Crystalline silica		14808607	< 1	0.1 mg/m ³	0.1 mg/m ³	0.1 mg/m ³ (CANADA)
Fibrous glass		65997173	15-30	10 mg/m ³	5 mg/m ³ (res)	n/e
Amorphous silica		7631869	< 1	10 mg/m ³	n/a	n/e
Polymercaptan curing agent		*	5-15	n/a	n/e	n/e
Aminoethylpiperazine	AEP	140318	1-10	n/a	n/a	n/e
Bisphenol A diglycidyl ether resin	DGEBPA	25068386	5-15	n/a	n/a	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identity is a trade secret of our supplier and unknown to us.

3. HAZARDS IDENTIFICATION**Emergency Overview**

Appearance, form, odor: Pink/White putty with low odor.

CAUTION! Eye and skin irritant. Potential skin sensitizer. Avoid eye contact. May be harmful if swallowed. Wash with soap and water after use. In case of eye contact flush with water for 15 minutes and seek medical attention.

Potential health effects

Primary routes of exposure: ☒ Skin contact ☐ Skin absorption ☒ Eye contact ☐ Inhalation ☐ Ingestion

Symptoms of acute overexposure:

Skin: May cause irritation to sensitive skin.

Eyes: Mild irritation.

Inhalation:

No data.

Ingestion:

No data. May cause irritation, nausea, vomiting, diarrhea.

Effects of chronic overexposure:

Prolonged or repeated overexposure may cause allergic sensitization (rash, itching, redness). A component in product has shown activity by in vitro microbial mutagenicity screening and produced chromosomal aberrations in cultured rat liver cells.

Carcinogenicity -- OSHA regulated: No

ACGIH: No

National Toxicology Program: Yes

International Agency for Research on Cancer: Yes

Cancer-suspect constituent(s): quartz

Medical conditions which may be aggravated by exposure:

Allergies, skin disorders.

4. FIRST AID MEASURES**First aid for eyes:**

Flush with clear water for 15 minutes.

First aid for skin:

Remove contaminant and contaminated clothing. Wash thoroughly with soap and water.

First aid for Inhalation:

Remove to fresh air.

First aid for Ingestion:

Contact a physician. Do NOT induce vomiting.

5. FIRE FIGHTING MEASURES**Extinguishing media:**

☐ Water

☒ Carbon dioxide

☒ Dry chemical

☒ Foam

☐ Alcohol foam

Flash Point (°F): >500

Method: TCC

Explosive limits in air (percent) -- Lower: n/d

Upper: n/d

Special firefighting procedures:

Firefighters should wear self-contained breathing apparatus and protective clothing.

Unusual fire and explosion hazards:

Toxic smoke and vapors may form during decomposition.

Hazardous products of combustion:

Oxides of carbon, sulfur and nitrogen. Aldehydes, ketones and other unknown organic compounds.

6. ACCIDENTAL RELEASE MEASURES**Spill control:**

Not applicable.

Containment:

Not applicable.

Cleanup:

Absorb spillage on inert material and discard in suitable containers.

Special procedures:

Prevent spill from entering drainage/sewer systems, waterways, and surface waters.

7. HANDLING AND STORAGE**Handling precautions:**

- Keep hands away from eyes when handling material or before washing after use. Wash thoroughly after using—particularly before eating or smoking.
- If this product is sanded or machined after curing, take appropriate precautions against inhalation of nuisance particulates. A TLV of 2 mg/m³ should be observed.

Storage:

- Store in a cool, dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering controls****Ventilation :**

General mechanical is satisfactory. If odor is disagreeable, use local exhaust.

Other engineering controls :

Have emergency shower and eye wash available.

Personal protective equipment**Eye and face protection:**

Safety glasses

Skin protection:

Polyethylene gloves for prolonged use.

Respiratory protection:

None needed in normal use with proper ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity:	1.9	Boiling point (°F):	n/d
Melting point (°F):	n/d	Vapor density (air = 1):	>1
Vapor pressure (mmHg):	Nil at 78 °F	Evaporation rate (butyl acetate = 1):	<1
VOC (grams/liter):	0	Solubility in water:	Negligible
Percent volatile by volume:	0	pH (5% solution or slurry in water):	9.5
Percent solids by weight:	100		

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to avoid :

Exposure to open flame or excessive heat.

Incompatible materials:

Strong oxidizing agents. Acids. Strong mineral and organic bases.

Hazardous products of decomposition:

Oxides of carbon, sulfur and nitrogen. Aldehydes, ketones and other unknown organic compounds.

Conditions under which hazardous polymerization may occur:

None

11. TOXICOLOGICAL INFORMATION

Acute oral effects: LD50 (rat): No data available.

Acute dermal effects: LD50 (rabbit): No data available.

Acute inhalation effects: LC50 (rat): No data available.

Exposure: 0 hours.

Eye irritation:

Not available.

Subchronic effects:

Not available.

Carcinogenicity, teratogenicity, and mutagenicity:

Both the resin and the diglycidyl ether of bisphenol A (a component of this product) have proved to be inactive when tested by in Vivo mutagenicity assays. Both have shown activity by In Vitro microbial mutagenicity screening and have produced chromosomal aberrations in cultured rat liver cells.

Other chronic effects:

2-year bioassays in mice exposed by the dermal route to EPON 828, DGEBA, or other commercial resins yielded limited evidence of weak carcinogenicity. The authors concluded that the renal tumor evidence with EPON 828 "was of no biological significance" and that the resin "is not a systemic carcinogen when applied to the dorsal skin of CF1 mice."

Toxicological information on hazardous chemical constituents of this product:

Constituent	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr, (rat)
Crystalline silica	n/d	n/d	n/d
Fibrous glass	n/d	n/d	n/d
Amorphous silica	3180 mg/kg	n/d	n/d
Polymercaptan curing agent	n/d	n/d	n/d
Aminoethylpiperazine	2140 mg/kg	900 mg/kg	n/d
Bisphenol A diglycidyl ether resin	30 g/kg	>20 ml/kg	no deaths

"n/d" = "not determined"

12 ECOLOGICAL INFORMATION**Ecotoxicity:**

Not available.

Mobility and persistence:

Not available.

Environmental fate:

Not available.

13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

Waste management recommendations:

Remove to a waste disposal facility operating in compliance with state and local regulations.

14. TRANSPORT INFORMATION

Proper shipping name: Non-Regulated Material

Technical name :

Hazard class :

UN number:

Packing group:

Emergency Response Guide no.:

IMDG page number:

Other:

15. REGULATORY INFORMATION**U.S. Federal Regulations****TSCA**

All ingredients of this product are listed, or are exempt from listing, on the TSCA Inventory.
Export notification is required under TSCA Sec. 12B -- see below.

The following RCRA code(s) applies to this material if it becomes waste:

None

Regulatory status of hazardous chemical constituents of this product:

Constituent	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	TSCA 12B Export Notification
Crystalline silica	No	No	None	Not required
Fibrous glass	No	No	None	Not required
Amorphous silica	No	No	None	Not required
Polymercaptan curing agent	No	No	None	Not required
Aminoethylpiperazine	No	No	None	Not required
Bisphenol A diglycidyl ether resin	No	No	None	Required

*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance list.

**Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: - Immediate health hazard -

Canadian regulations

WHMIS hazard class(es) : NONE

All components of this product are on the Domestic Substances List.

16. OTHER INFORMATION

Hazardous Materials Information System (HMIS) ratings:	Health	Flammability	Reactivity
	1*	1	0

The information and recommendations in this document are based on the best information available to us at the time of preparation, but we make no other warranty, express or implied, as to its correctness or completeness, or as to the results of reliance on this document.